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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/987,614

DATE: 12/07/2001

TIME: 16:36:09

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Output Set: N:\CRF3\12072001\I987614.raw

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5 <110> APPLICANT: BLANC, Veronique
7 THIBAUT, Denis
9 BAMAS-JACQUES, Nathalie
11 BLANCHE, Francis
13 COUZET, Joel
15 BARRIERE, Jean-Claude
17 DEBUSSCHE, Laurent
19 FAMECHON, Alain
21 PARIS, Jean-Marc
23 DUTRUC-ROSSET, Gilles
27 <120> TITLE OF INVENTION: Streptogramins And Method For Preparing Same By
29 Mutasyntesis
33 <130> FILE REFERENCE: Streptogramin genes
37 <140> CURRENT APPLICATION NUMBER: 09/987,614
39 <141> CURRENT FILING DATE: 2001-11-15
42 <150> PRIOR APPLICATION NUMBER: 08/765,907
44 <151> PRIOR FILING DATE: 1997-03-20
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61 <212> TYPE: DNA
63 <213> ORGANISM: Streptomyces pristinaespiralis
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119 cagccgcccg gcgatccggc tcttgacoga caaggtgtcc gcgagcaccg caccggggcg 1560
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127 cacccccga cgcacccagcc agtggttgaa catggggccc accgcaccgg ccccgccac 1800
129 caccacacaa cgcgcgaaca ccgaaccacc cctcatccgc gttcccgatc ccccggttac 1860
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161 gcgcgcgcgc cgtgcagggc gacgcgcgc agccttccc cgaactgagc ggcaccgtcg 2820
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175 <213> ORGANISM: Streptomyces pristinaespiralis

179 <400> SEQUENCE: 2

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185 ggggcgggtg cggcggacgg ggtgcgggtg gtggccgggt atgtgcggcg gccggggccg 180
187 gaggcggctc cggcgcctgc ggcggcggac gtggtggtgc tggcgggtgc ggagccgggt 240
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191 accttgtcgg tcaagagccg gatgcgcgg cggctgcgtg aggcggcgcc ggggctgcag 360
193 gcggtggggc tgaaccgat gttcgcgcgc tcgctgggtc ttcaggggcg gccggtggcg 420
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199 gccgccacgc atgcgcgggt gctggccttc gggctgggccc tgggtgagct gtcggtggac 600
201 gtgggggcgc tgcgggacag tgcccgcgc ccgcattctg cgatgctggc gctgctggcc 660
203 cggatcgccg gcgggacgcc ggaggtgtat ttcgacatcc aggcgcgcaa ccccggcgcg 720
205 ccggccgcgc ggcaggcgtt gggccgcggc ctggtgcggc tggggcaggc cgtcgagagg 780
207 ggcgacgagg agacgttcgc cgcctgttcc gccgaactgc gcggtgtgct gggcgagcac 840
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213 <210> SEQ ID NO: 3

215 <211> LENGTH: 297

217 <212> TYPE: PRT

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233           20           25           30
237 Ala Val Thr Trp Leu Asp Val Ala Gly Ala Gly Ala Ala Asp Gly Val
239           35           40           45
243 Arg Val Val Ala Gly Asp Val Arg Arg Pro Gly Pro Glu Ala Val Ala
245           50           55           60
249 Ala Leu Ala Ala Ala Asp Val Val Val Leu Ala Val Pro Glu Pro Val
251  65           70           75           80
255 Ala Trp Glu Ala Val Glu Val Leu Ala Gly Val Met Arg Pro Gly Ala
257           85           90           95
261 Val Leu Ala Asp Thr Leu Ser Val Lys Ser Arg Ile Ala Gly Arg Leu
263           100          105          110
267 Arg Glu Ala Ala Pro Gly Leu Gln Ala Val Gly Leu Asn Pro Met Phe
269           115          120          125
273 Ala Pro Ser Leu Gly Leu Gln Gly Arg Pro Val Ala Ala Val Val Val
275           130          135          140
279 Thr Asp Gly Pro Gly Val Arg Ala Leu Val Glu Leu Val Ala Gly Trp
281 145          150          155          160
285 Gly Ala Arg Val Val Glu Met Pro Ala Arg Arg His Asp Glu Leu Thr
287           165          170          175
291 Ala Ala Gln Gln Ala Ala Thr His Ala Ala Val Leu Ala Phe Gly Leu
293           180          185          190
297 Gly Leu Gly Glu Leu Ser Val Asp Val Gly Ala Leu Arg Asp Ser Ala
299           195          200          205
303 Pro Pro Pro His Leu Ala Met Leu Ala Leu Leu Ala Arg Ile Ala Gly
305           210          215          220
309 Gly Thr Pro Glu Val Tyr Phe Asp Ile Gln Ala Ala Asn Pro Gly Ala
311 225          230          235          240
315 Pro Ala Ala Arg Gln Ala Leu Gly Arg Gly Leu Val Arg Leu Gly Gln
317           245          250          255
321 Ala Val Glu Arg Gly Asp Glu Glu Thr Phe Ala Ala Leu Phe Ala Glu
323           260          265          270
327 Leu Arg Gly Val Leu Gly Glu His Gly Ala Glu Leu Glu Arg Leu Cys
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333 Ala Arg Met Phe Thr Ala Leu His Pro
335           290          295
341 <210> SEQ ID NO: 4
343 <211> LENGTH: 387
345 <212> TYPE: DNA
347 <213> ORGANISM: Streptomyces pristinaespiralis
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357 cgcacacgcc tggacatctg cctgcgcata ggcgagtaca agcgctcca ccaggtgccg 180
359 atgatgcagc cccaccggat cgcccaggtc cagccaacg ccgcccgcta cgccgcgcac 240

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373 <212> TYPE: PRT
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383 1 5 10 15
387 Ala Ala Thr Asp Pro Leu Asp Ala Leu Arg Ala Arg Leu Asp Ala Ala
389 20 25 30
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395 35 40 45
399 Arg Ile Gly Glu Tyr Lys Arg Leu His Gln Val Pro Met Met Gln Pro
401 50 55 60
405 His Arg Ile Ala Gln Val His Ala Asn Ala Ala Arg Tyr Ala Ala Asp
407 65 70 75 80
411 His Gly Ile Asp Pro Ala Phe Leu Arg Thr Leu Tyr Asp Thr Ile Ile
413 85 90 95
417 Thr Glu Thr Cys Arg Leu Glu Asp Glu Trp Ile Ala Ser Gly Gly Ala
419 100 105 110
423 Pro Val Pro Thr Pro Val His Ala Ser Ala Ser Ala Arg Gly Ala Val
425 115 120 125
429 Ser Pro
431 130
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443 <213> ORGANISM: Streptomyces pristinaespiralis
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VERIFICATION SUMMARY

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